L Number	Hits	Search Text	DB	Time stamp
1	1	3629053.pn.	USPAT;	2004/04/21 13:55
2	612		US-PGPUB USPAT;	2004/04/21 13:09
3	139	(cut adj resistant) and glove	US-PGPUB USPAT; US-PGPUB	2004/04/21 13:06
4	43	((cut adj resistant) and glove) and 57/\$.ccls.	USPAT; US-PGPUB	2004/04/21 13:06
5	1		USPAT; US-PGPUB	2004/04/21 13:07
6	1117		USPAT; US-PGPUB	2004/04/21 13:06
8	1	kelvar	USPAT; US-PGPUB	2004/04/21 13:07
7	116 1501		USPAT; US-PGPUB USPAT;	2004/04/21 13:07
10	1501	cut adj resistan\$2 (cut adj resistan\$2) and glove	US-PGPUB USPAT;	2004/04/21 13:10
111	108		US-PGPUB USPAT;	2004/04/21 13:17
12	53	(kevlar or aramid)	US-PGPUB USPAT;	2004/04/21 13:17
13	70	(kevlar or aramid)) and heat polymetaphenylene adj isophthalamide	US-PGPUB USPAT;	2004/04/21 13:23
14	1	6668535.pn.	US-PGPUB USPAT; US-PGPUB	2004/04/21 14:13
15	7	tanahashi-mitsuhiko\$.in.	USPAT; US-PGPUB	2004/04/21 14:15
16	7	kosuge-kazuhiko\$.in.	USPAT; US-PGPUB	2004/04/21 14:18
17	0	nakabayashi-lori\$.in.	USPAT; US-PGPUB	2004/04/21 14:18
18	4	nakabayashi-iori\$.in.	USPAT; US-PGPUB	2004/04/21 14:18
19	12 473	hatano-takeshi\$.in. 57/245-247.ccls.	USPAT; US-PGPUB USPAT;	2004/04/21 14:19
_	473	57/245-247.ccls. and (heat adj resistant)	US-PGPUB USPAT;	2003/02/05 12:04
_	39224	heat adj resistant	US-PGPUB USPAT;	2003/02/05 14:35
_	2490	(heat adj resistant) and (yarn or	US-PGPUB USPAT;	2003/02/05 14:35
_	429	<pre>filament) ((heat adj resistant) and (yarn or filament)) and (crimp\$3 or texture\$1)</pre>	US-PGPUB USPAT; US-PGPUB	2003/02/05 14:36
_	68		USPAT; US-PGPUB	2003/02/05 14:36
-	34	((((heat adj resistant) and (yarn or filament)) and (crimp\$3 or texture\$1)) and tenacity) and modulus	USPAT; US-PGPUB	2003/02/05 14:36
-	30	(((((heat adj resistant) and (yarn or filament)) and (crimp\$3 or texture\$1)) and	USPAT; US-PGPUB	2003/02/05 14:36
-	29	tenacity) and modulus) and elongation 57/282.ccls. and untwist\$3	USPAT; US-PGPUB	2003/02/06 09:14
-	0	(57/282.ccls. and untwist\$3) and (heat adj resistant)	USPAT; US-PGPUB	2003/02/06 09:14
-	3	57/282.ccls. and (heat adj resistan\$2)	USPAT; US-PGPUB	2003/02/06 09:17
-	137		USPAT; US-PGPUB	2003/02/06 09:19
_	2	57/282.ccls. and (kevlar nomex vectran zylon kermel technora) 57/282-290.ccls. and (kevlar nomex vectran	USPAT; US-PGPUB USPAT;	2003/02/06 09:59
_	1278	zylon kermel technora)	US-PGPUB USPAT;	2003/02/06 12:00
		vectran zylon kermel technora)	US-PGPUB	

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0	_	64		· ·	2003/02/06 12:00
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- 0 "k = t x D"	-	0	"k = t"	,	2003/02/06 12:00
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Column	-	4834	"k=t"		2003/02/06 12:01
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US-PGPUB US-PAT		_			0000/00/05 10 01
- 0 (k = t x D)53	_	0	$(k = t \times D)$ \$2	·	2003/02/06 12:01
1 57/2.3.ccls. and 57/282-290.ccls.		_			0000/00/05 10 01
1 57/2.3.ccls. and 57/282-290.ccls.	-	0	$(k = t \times D)$ \$3	· ·	2003/02/06 12:01
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8 57/282-290.ccls. and (heat adj resistant)	_	1	57/2.3.ccls. and 57/282-290.ccls.		2003/02/06 12:06
1			FT (000 000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2002/02/06 12:06
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- "4752514".PN. USPAT 2003/02/06 12:10 - 1 "4762395".PN. USPAT 2003/02/06 12:10 - 1 "4625664".PN. USPAT 2003/02/06 12:10 - 1 "4482603".PN. USPAT 2003/02/06 12:10 - 1 "4491568".PN. USPAT 2003/02/06 12:10 - 1 "4401568".PN. USPAT 2003/02/06 12:10 - 1 "4401568".PN. USPAT USPAT 2003/02/06 12:12 - 79			<u>-</u>		2002/02/06 12:10
- 1 "4723959".PN. USPAT 2003/02/06 12:10 - 1 "4622664".PN. USPAT 2003/02/06 12:10 - 1 "4492603".PN. USPAT 2003/02/06 12:10 - 1 "4491688".PN. USPAT 2003/02/06 12:10 - 1 "4401688".PN. USPAT 2003/02/06 12:10 - 2 "Jon kermel technoral 2 "Jon kermel 2 "Jon kermel 2 "Jon kermel 2 "Jon Jon Jon Jon Jon Jon Jon Jon Jon Jon	-				·
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- 1 "449603".PN.	-	1			
- 1 "4401588".PN. (heat add (set or treated or treatment)) and (crimp) and (kevlar nomex vectran zylon kermel technora) tanahashi.in. 4 tanahashi-mitsuhiko.in. 5 kosuge-kazuhiko.in. 1	-	1		1	1
- 79 (heat adj (set or treatment) and (crimp) and (kevlar nomex vectran zylon kernel technora) - 395 tanahashi.in 4 tanahashi-mitsuhiko.in 5 kosuge-kazuhiko.in 7 hatano-takeshi.in 8 (US-6500540-\$ or US-6437014-\$ or US-PGPUB U	-			1	1
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2ylon kermel technora tanahashi.in.	-	/9		1	2003/02/06 12:55
- 395 tanahashi.in. - 4 tanahashi.mitsuhiko.in. - 3 kosuge-kazuhiko.in. - 3 kosuge-kazuhiko.in. - 7 hatano-takeshi.in. - 8 (US-6500540-\$ or US-6437014-\$ or US-PGPUB US-P	1		l • • • • • • • • • • • • • • • • • • •	US-PGPUB	
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- 4 tanahashi-mitsuhiko.in. - 3 kosuge-kazuhiko.in. - 7 hatano-takeshi.in. - 7 hatano-takeshi.in. - 8 (US-6500540-\$ or US-6437014-\$ or US-PGPUB	-	395	tananasni.in.	The state of the s	2003/02/06 12:55
Separa		,	touch only mithough item in		2002/02/06 12:56
- 3 kosuge-kazuhiko.in. - 7 hatano-takeshi.in. - 8 (US-6500540-\$ or US-6437014-\$ or US-PGPUB US-PGPUB US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did. - 4 ((US-6500540-\$ or US-6437014-\$ or US-20020132923-\$).did. - 4 ((US-6500540-\$ or US-6437014-\$ or US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-3629053-\$ or US-4957807-\$ or US-3629053-\$ or US-4957807-\$ or US-3629053-\$ or US-20020132923-\$).did.) and terephthalamide - 3 ((US-6500540-\$ or US-6437014-\$ or US-20020132923-\$).did.) and terephthalamide - 3 ((US-6500540-\$ or US-6437014-\$ or US-20020132923-\$).did.) and twist - 3 ((US-6500540-\$ or US-6437014-\$ or US-20020132923-\$).did.) and twist - 3 ((US-20030000197-\$ or US-3629053-\$ or US-4912821-\$).did. or (US-PGPUB US-20030000197-\$ or US-4912821-\$).did. or (US-PGPUB US-20030000197-\$ or US-20020132923-\$).did.) and twist - 3 ((US-6500540-\$ or US-6437014-\$ or US-PGPUB US-20020132923-\$).did.) and twist - 3 ((US-6500540-\$ or US-6437014-\$ or US-PGPUB US-20020132923-\$).did.) and twist - 3 ((US-6500540-\$ or US-6437014-\$ or US-PGPUB US-20020132923-\$).did.) and twist - 3 ((US-6700540-\$ or US-6437014-\$ or US-PGPUB US-20030000197-\$ or US-20020132923-\$).did.) and twist - 4 5 57/247.ccls. and steam US-PGPUB US	_	4	tananasni-mitsuniko.in.	T	2003/02/06 12:56
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- 7 hatano-takeshi.in. - 8 (US-6500540-\$ or US-6437014-\$ or US-PGPUB USPAT; US-PGPUB USPAT; US-957807-\$ or US-3629053-\$ or US-20030000197-\$ or US-20030000197-\$ or US-4075075-\$ or US-3629053-\$ or US-40500540-\$ or US-6437014-\$ or USPAT; US-PGPUB USPAT; US-96908 USPAT; U	-	3	kosuge-kazuniko.in.	·	2003/02/06 12:37
S		7	hatana takaahi in		2002/02/06 12:57
B	-	/	natano-takeshi.in.	· ·	2003/02/00 12:37
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US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist (US-6500540-\$ or US-6437014-\$ or US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls. and steam USPAT; 2003/02/06 14:02 US-PGPUB - 47 57/247.ccls. and untwist\$3 USPAT; 2003/02/06 14:11 US-PGPUB - 57/247.ccls. and untwist\$3 USPAT; 2003/02/06 14:11 US-PGPUB - 19 (57/247.ccls. and untwist\$3) and steam USPAT; 2003/02/06 14:11 US-PGPUB - 862 57/282-290.ccls. USPAT; 2003/02/06 14:25 US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:25 US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:25 US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:26 USPAT; 2003/02/	_	3	1	USPAT:	2003/02/06 13:34
US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist (US-6500540-\$ or US-6437014-\$ or US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls. US-PGPUB - 47 57/247.ccls. and steam USPAT; US-PGPUB - 45 57/247.ccls. and untwist\$3 USPAT; US-PGPUB - 19 (57/247.ccls. and untwist\$3) and steam USPAT; US-PGPUB - 862 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 197 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 198 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 199 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 199 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 199 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB					
(US-20030000197-\$ or US-20020132923-\$).did.) and twist ((US-6500540-\$ or US-6437014-\$ or US-A075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls. and steam USPAT; 2003/02/06 14:02 US-PGPUB - 47 57/247.ccls. and untwist\$3 USPAT; 2003/02/06 14:11 US-PGPUB - 19 (57/247.ccls. and untwist\$3) and steam USPAT; 2003/02/06 14:11 US-PGPUB - 862 57/282-290.ccls. and untwist\$3 USPAT; 2003/02/06 14:25 US-PGPUB - 197 57/282-290.ccls. and untwist\$3 USPAT; 2003/02/06 14:25 US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:25 US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:25 US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:26					
US-20020132923-\$).did.) and twist ((US-6500540-\$ or US-6437014-\$ or US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls. and steam USPAT; US-PGPUB - 45 57/247.ccls. and untwist\$3 USPAT; US-PGPUB - 19 (57/247.ccls. and untwist\$3 USPAT; US-PGPUB - 19 (57/247.ccls. and untwist\$3) and steam USPAT; US-PGPUB - 19 (57/247.ccls. and untwist\$3) and steam USPAT; US-PGPUB - 19 (57/247.ccls. and untwist\$3) and steam USPAT; US-PGPUB - 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 57/282-290.ccls. and untwist\$3 USPAT; US-PGPUB - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:25 - 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:26			1		
- 3 ((US-6500540-\$ or US-6437014-\$ or US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls.			l ·		
US-4075075-\$ or US-3629053-\$ or US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls.	_	3		USPAT;	2003/02/06 14:02
US-4957807-\$ or US-4912821-\$).did. or (US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls. 47 57/247.ccls. and steam 57/247.ccls. and untwist\$3 - 45 57/247.ccls. and untwist\$3 USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:25 US-PGPUB USPAT; 2003/02/06 14:26 USPAT; 2003/02/06 14:32				•	
(US-20030000197-\$ or US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls.					
US-20020132923-\$).did.) and twist\$3 - 177 57/247.ccls. 47 57/247.ccls. and steam - 45 57/247.ccls. and untwist\$3 - 19 (57/247.ccls. and untwist\$3) and steam - 19 (57/282-290.ccls. and untwist\$3 - 19 (57/282-290.ccls. and untwist\$3 - 19 (57/282-290.ccls. and untwist\$3) and					
- 177 57/247.ccls. USPAT; US-PGPUB USPAT; US-P			I '		
- 47 57/247.ccls. and steam US-PGPUB USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:11 US-PGPUB USPAT; 2003/02/06 14:25 US-PGPUB USPAT; 2003/02/06 14:26 US-PGPUB USPAT; 2003/02/06 14:26 US-PGPUB USPAT; 2003/02/06 14:32	_	177	l · · · · · · · · · · · · · · · · · · ·	USPAT;	2003/02/06 14:02
US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT;				US-PGPUB	
- 45 57/247.ccls. and untwist\$3	-	47	57/247.ccls. and steam	USPAT;	2003/02/06 14:11
- 19 (57/247.ccls. and untwist\$3) and steam US-PGPUB US-P				US-PGPUB	
- 19 (57/247.ccls. and untwist\$3) and steam USPAT; US-PGPUB US-PGP	-	45	57/247.ccls. and untwist\$3	USPAT;	2003/02/06 14:11
US-PGPUB				US-PGPUB	
- 862 57/282-290.ccls. USPAT; 2003/02/06 14:25 US-PGPUB USPAT; 2003/02/06 14:26 US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB USPAT; 2003/02/06 14:32	-	19	(57/247.ccls. and untwist\$3) and steam	USPAT;	2003/02/06 14:25
- 197 57/282-290.ccls. and untwist\$3 US-PGPUB US				US-PGPUB	
- 197 57/282-290.ccls. and untwist\$3 USPAT; 2003/02/06 14:26 US-PGPUB US-PGPUB USPAT; 2003/02/06 14:32	_	862	57/282-290.ccls.	USPAT;	2003/02/06 14:25
US-PGPUB 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:32				US-PGPUB	
- 57 (57/282-290.ccls. and untwist\$3) and USPAT; 2003/02/06 14:32	-	197	57/282-290.ccls. and untwist\$3	USPAT;	2003/02/06 14:26
				US-PGPUB	
steam US-PGPUB	-	57	(57/282-290.ccls. and untwist\$3) and	*	2003/02/06 14:32
		<u> </u>	steam	US-PGPUB	

_	31	((57/282-290.ccls. and untwist\$3) and	USPAT;	2003/02/06 14:49
		steam) and crimp	US-PGPUB	
_	23	•	USPAT;	2003/02/06 14:58
		(set or treatment))	US-PGPUB	
	0	28/128.ccls. and crimp and (heat adj (set	USPAT;	2003/02/06 14:58
	:	or treatment))	US-PGPUB	
-	56	28/128.ccls.	USPAT;	2003/02/06 14:58
			US-PGPUB	
_	0	28/128.ccls. and (heat adj (set or setting	USPAT;	2003/02/06 14:59
		or treatment or treating))	US-PGPUB	
_	0	28/128.ccls. and (heat)	USPAT;	2003/02/06 14:59
			US-PGPUB	
-	56	28/128.ccls.	USPAT;	2003/02/06 14:59
			US-PGPUB	
-	0		USOCR	2003/02/06 14:59
 -	56		USOCR	2003/02/06 15:00
-	3	deknitting and (heat adj (treatment or	USOCR	2003/02/06 15:00
		treating or setting or set))		
-	1	6668535.pn.	USPAT;	2004/04/21 09:36
			US-PGPUB	